

LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims of the application:

Claim 1 (Currently Amended) A transmitting method for transmitting audio/visual data in a predetermined format using a plurality of units each having a predetermined data length among devices linked to a predetermined bus line, comprising the steps of:

setting up an auxiliary section for transmitting auxiliary data of transmission data in a unit having the predetermined data length; and

placing identification data related to a spatial placement of the transmission data in a first section within the auxiliary section and placing data related to a set-up the spatial placement of the transmission data for setting up a system including devices for receiving the transmission data in a second section within the auxiliary section, wherein the predetermined bus line supports real-time data transmission for transmitting the audio/visual data and asynchronous data transmission for transmitting control data.

Claim 2 (Previously Presented) The transmitting method according to Claim 1, wherein

the transmission data is audio data and the identification data in the first section is data related to positioning of a speaker for each of a plurality of channels.

Claim 3 (Previously Presented) The transmitting method according to Claim 1, wherein

the transmission data is audio data, and the data related to the set-up in the second section is data related to a sampling frequency of each of a plurality of prepared channels.

Claim 4 (Previously Presented) The transmitting method according to Claim 1, wherein

the transmission data is audio data and the identification data in the first section is identification data related to spatial placement of a recording channel; and the data related to the set-up in the second section is data that indicates one of existence and absence of the recording channel for each of a plurality of channels.

Claim 5 (Previously Presented) The transmitting method according to Claim 1, wherein

the transmission data is image data, the identification data in the first section is data related to a placement position to display the image data, and the data related to the set-up in the second section is data that specifies a display pattern of the image data.

Claim 6 (Currently Amended) A transmitting apparatus comprising:

data input means for obtaining ~~predetermined transmission~~  
audio/visual data;

transmission data generating means for dividing the transmission data obtained by the data input means into a plurality of items of data each having a predetermined data length, and for generating transmission data of a specific format by placing label data specifying a scheme of each of the plurality of items of data in a head portion of each of the plurality of items of data, ~~wherein~~ whereby the transmission data generating means also generates auxiliary data having the data length and sets up a section used in transmitting the auxiliary data, and the transmission data generating means places identification data related to spatial placement of the transmission data in a first section within the auxiliary data and places data related to ~~set-up the~~ spatial placement of the transmission data for setting up a system that includes devices for receiving the transmission data in a second section within the auxiliary data; and

sending means for sending the transmission data generated by the transmission data generating means to a predetermined bus line, wherein

the predetermined bus line supports real-time data transmission for transmitting the audio/visual data and asynchronous data transmission for transmitting control data.

Claim 7 (Previously Presented) The transmitting apparatus according to Claim 6, wherein

the transmission data obtained by the data input means is multi-channel audio data; and

the identification data in the first section within the auxiliary data generated by the transmission data generating means is data related to positioning of a speaker for each of a plurality of channels.

Claim 8 (Previously Presented) The transmitting apparatus according to Claim 6, wherein

the transmission data obtained by the data input means is multi-channel audio data; and

the data related to the set-up in the second section within the auxiliary data generated by the transmission data generating means is data related to a sampling frequency of each of a plurality of prepared channels.

Claim 9 (Previously Presented) The transmitting apparatus according to Claim 6, wherein

the transmission data obtained by the data input means is multi-channel audio data;

the identification data in the first section within the auxiliary data generated by the transmission data generating means is identification data related to spatial placement of a recording channel; and

the data related to the set-up in the second section is data that indicates one of existence and absence of the recording channel for each of a plurality of channels.

Claim 10 (Previously Presented) The transmitting apparatus according to Claim 6, wherein

the transmission data obtained by the data input means is image data; and

the identification data in the first section within the auxiliary data generated by the transmission data generating means is data related to a placement position to display the image data and the data related to the set-up in the second section is data that specifies a display pattern of the image data.